

Paper # 2

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RE: Serial No. 09/750,609; Atty Docket No. 1242/27/2/2

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Amory J. Martin
Date of Signature 5-16-01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Robertson et al.

Serial No.: 09/750,609

Group Art Unit: Not Assigned

Filed: December 28, 2000

Docket No.: 1242/27/2/2

For: GENETIC MUTATION UNDERLYING ORTHOSTATIC INTOLERANCE
DIAGNOSTIC AND THERAPEUTIC METHODS RELATING THERETO

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Forms PTO/SB/08A and PTO/SB/08B are attached hereto. Copies of the references are also enclosed. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

U.S. Patent No. 5,580,775 to Freneau, Jr. et al. discloses high affinity, brain-specific nucleic acids encoding a L-proline transporter, and vectors, and host cells comprising the same.

PCT International Application No. WO 92/17568 to Amara et al. discloses a cDNA clone encoding a human norepinephrine transporter.

Publication by Flatter et al., "Identification of a Coding Mutation in the Norepinephrine Transporter Gene Which Predisposes a Family to Orthostatic Intolerance," Am. J. Human Genet., Vol. 65 (No. 4), p. A43, (1999).

Appln. No.: 09/750,808

Publication by Shannon, "Functional Polymorphism of the Norepinephrine Transporter (NET) Presenting as Mitral Valve Prolapse and Orthostatic Intolerance," *Circulation*, Vol. 110 (No. 18), p. 1.195, (November 2, 1999).

Publication by Owen et al., "Norepinephrine Transporter Gene Polymorphism is not Associated with Susceptibility to Major Depression," *Psychiatry Research*, Vol. 87 (No. 1), p. 1-5, (1999).

Publication by Pacholczyk et al., "Expression Cloning of a Cocaine and Antidepressant-Sensitive Human Noradrenaline Transporter," *BioNature*, p. 350-353, (March 28, 1991).

Publication by Porzgen et al., "Molecular Cloning and Organization of the Coding region of the Human Norepinephrine Transporter Gene," *Biochem. Biophys. Res. Commun.*, Vol. 215 (No. 3), p. 1145-1150, (October 24, 1995).

Publication by Wang et al., "Genetic Approaches to Studying Norepinephrine Function: Knockout of the Mouse Norepinephrine Transporter," *Gene Biol. Psychiatry*, p. 1124-1130, (1999).

Publication by Anonymous, "Gene Characterization Kits," In: *Stratagene Catalog*, p. 39, (1988).

PCT International Search Report for PCT International Application No. PCT/US00/55491.

Publication by Jordan et al., "Contrasting Actions of Pressor Agents in Severe Autonomic Failure," *Am. J. Med.*, Vol. 105 (No. 2), p. 116-124, (1998). (Abstract only)

Publication by Choy et al., "Abnormalities of the QT Interval in Primary Disorders of Autonomic Failure," *Am. Heart J.*, Vol. 136 (No. 4), p. 664-671, (1998). (Abstract only)

Publication by Jordan et al., "Contrasting Effects of Vasodilators on Blood Pressure and Sodium Balance in the Hypertension of Autonomic Failure," *J. Am. Soc. Nephrol.*, Vol. 10 (No. 1), p. 35-42, (1999). (Abstract only)

Appln. No.: 09/750,809

Publication by Jacob et al., "Effects of Standing on Cerebrovascular Resistance in patients with Idiopathic Orthostatic Intolerance," Am. J. Med., Vol. 106 (No. 1), p. 59-64, (1999). (Abstract only)

Publication by Gilman et al., "Consensus Statement on the Diagnosis of Multiple System Atrophy," J. Neurol. Sci., Vol. 163 (No. 1), p. 94-98, (February 1, 1999). (Abstract only)

Publication by Shannon et al., "Acute Effect of Ephedrine on 24-h Energy Balance," Clin. Sci. (Colch), Vol. 96 (No. 5), p. 483-491, (1999). (Abstract only)

Publication by Jacob et al., "Abnormal Norepinephrine Clearance and Adrenergic Receptor Sensitivity in Idiopathic Orthostatic Intolerance," Circulation, Vol. 99 (No. 13), p. 1706-1712, (April 6, 1999). (Abstract only)

Publication by Robertson et al., "Neurally Mediated Syncope: Pathophysiology and Implications for Treatment," Am. J. Med. Sci., Vol. 317 (No. 2), p. 102-109, (1999). (Abstract only)

Publication by Austin et al., "Multiple System Atrophy: Clinical Presentation and Diagnosis," Tenn. Med., Vol. 92 (No. 2), p. 55-57, (1999). (Abstract only)

Publication by Furlan et al., "Chronic Orthostatic Intolerance: a Disorder with Discordant Cardiac and Vascular Sympathetic Control," Circulation, Vol. 98 (No. 20), p. 2154-2159, (November 17, 1998). (Abstract only)

Publication by Robertson, "Distribution and Observed Associations of Orthostatic Blood Pressure Changes in Elderly General Medicine Outpatients," Am. J. Med. Sci., Vol. 315 (No. 5), p. 287-295, (1998). (Abstract only)

Publication by Caswell, "Orthostatic Intolerance," NASA West Virginia Space Grant Consortium, (1997).

Publication entitled "Chronic Orthostatic Intolerance (COI) Nerve Abnormality," Causes Disabling Rapid Heart Rate, Dizziness, Dallas, Texas, (November 17, 1998).

Publication by NATIONAL DYSAUTONOMIA RESEARCH FOUNDATION, "Orthostatic Intolerance Syndromes," (1997).

Early passage of the subject application to issue is earnestly solicited.

Appln. No.: 02/750,609

Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Information Disclosure Statement to Deposit Account No. 50-0426.

Respectfully submitted,

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May 16, 2001

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Enclosures